| | **Application No.** | **Applicant(s)** |
|---|---|---|
| ***Notice of Allowability*** | 09/908,085 | SINGH, SANJAI |
| | **Examiner** | **Art Unit** |
| | CUONG T THAI | 2173 |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *May/10/2004 Amendment*.

2. ☒ The allowed claim(s) is/are *1-20*.

3. ☒ The drawings filed on *10 May 2004* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All    b) ☐ Some*    c) ☐ None    of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____

RAYMOND J. BAYERL
PRIMARY EXAMINER
ART UNIT 2173

## DETAIL ACTION

1.     This action is responsive to Amendment filed on May/10/2004.

2.      Claims 1-20 are presented for examination.

3.     The formal drawings filed on May/10/2004 have been approved by the Examiner.

### *Reasons for Allowance*

4.     Claims 1 (method), 10 (method), 11 (readable medium), 12 (system) and 13 (system) are

allowed over the prior art of records. Claims 2-9 are further limits depends on independent claim

1. Claims 14-20 are further limits depend on independent claim 11.

5.     The following is an Examiner's statement of reasons for allowance:

Examiner has carefully considered claims 1 and 10-13. None of the cited arts of records

including McKaskle et al. (USPN: 5,481,741), Uczekaj (USPN: 5,920, 718), nor Chang et al.

(USPN: 5,627,979), discloses, suggest, nor teaches a method, a computer program product

residing on a computer readable medium, and a system of a graphical block diagram modeling

comprising: providing a plurality of graphical blocks interconnected to form a graphical

subsystems, said graphical subsystem represented as a graphical subsystem block in a graphical

block diagram model, changing a value of a parameter of a selected one of the plurality of

graphical blocks interconnected to form the graphical subsystem block, said changing occurring

in response to a user selection, and constructing from the graphical class instance and the

changed value a graphical subclass instance that inherits structure from the graphical class, said structure reflecting the structure indicated in the graphical class at the time of the constructing (see claims 1, 11, and 12). The cited art of records also fails to discloses nor suggests creating a graphical subclass of a selected one of the graphical classes by modifying a sub-block parameter that is not a top level parameter of the selected class, wherein the subclass inherits subsequently changes to the graphical class (see Applicant's remarks correspond to claims 10, 12-13 on page 11).

### Conclusion

6.      Any inquiry concerning this communication or earlier communications from the examiner should be directed to CUONG T THAI whose telephone number is (703) 308-7234 through the month of October, 2004 and at (571) 272-4056 thereafter. The examiner can normally be reached on 8:00 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca can be reached on (703) 308-3116 through the month of October, 2004 and at (571) 272-4048 thereafter. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CUONG T THAI
Examiner
Art Unit 2173

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September 29, 2004.

RAYMOND J. BAYERL
PRIMARY EXAMINER
ART UNIT 2173